

CLAIMS

1. A motor comprising:
a stator body;
a rotor body; and
at least one of said stator and rotor bodies being formed of a generally solid core of a first material and having a plurality of circumferentially spaced portions at an outer peripheral surface, and a conductive material deposited into said portions which is more conductive than said first material.
2. A motor as set forth in Claim 1, wherein said core is formed of a first plastic and said conductive material is formed of a second plastic.
3. A motor as set forth in Claim 2, wherein said first and second plastics are co-extruded.
4. A motor as set forth in Claim 1, wherein said core is formed by powder metal technology.
5. A motor as set forth in Claim 4, wherein an insulating material is placed at least around circumferentially spaced teeth, and a conductive material is then deposited between said teeth.
6. A motor as set forth in Claim 1, wherein said motor is an AC powered motor.

7. A vehicle component drive assembly comprising:

a vehicle component which is to be moved;

an AC motor for driving said component; and

said AC motor including a rotor and a stator, with at least one of said rotor and said stator being formed of a core body formed of a first material and circumferentially spaced conductive areas which are more conductive than said first material.

8. A motor as set forth in Claim 7, wherein said core is formed of a first plastic and said conductive material is formed of a second plastic.

9. A motor as set forth in Claim 8, wherein said first and second plastics are co-extruded.

10. A motor as set forth in Claim 7, wherein said core is formed by powder metal technology.

11. A motor as set forth in Claim 10, wherein an insulating material is placed at least around circumferentially spaced teeth, and a conductive material is then deposited between said teeth.

12. A method of providing a motor comprising the steps of:

forming an electric motor including a rotor and a stator, with the formation of at least one of said rotor and said stator including the steps of forming a generally solid core body of a less conductive first material, and having circumferentially spaced spaces, and depositing a more conductive second material into said spaces.

13. A method as set forth in Claim 7, wherein said first and second materials are co-extruded.

14. A method as set forth in Claim 8, wherein said co-extruded material is cut to desired lengths.

15. A method as set forth in Claim 7, wherein said solid body is formed by powder metal technology.